DBA, IT Analysts and Quality Assurance Roles and Responsibilities

Roles	Proj Mgr	Dev	DBA	QA	Notes
Project Requirements and Specifications	Primary	Primary	Some		Needs and requirements via user interviews, document and tech reviews
Attend Requirements and Specifications Meetings	Primary	Primary	Some	Some	Lead developer runs design, development, test, deployment meetings; involves DBA as needed. Project management
Standards and Conventions	Primary	Primary	Primary	Some	Definition & enforcement. Inlcuidng coding standards for procedures, objects, services, DB
Software Development	Some	Primary	Some		
Software Testing	Some	Primary	Some	Primary	Separate QA staff and function desireable but generally not feasible
Software Deployment	Primary	Primary	Primary	Primary	Component & DB promotions to production, Installations, user documentation
Database Requirements, Naming Conventions, and Documentation	Some	Some	Primary		
Database Design & Structure	Some	Some	Primary		DBA: Makes sure that structure follows relational theory is integrated (directly or via services/SIF) with other databases is consistent and follows standards
Creating and Maintaining Databases Tables, Keys and Indexes		Some	Primary		DBA: Primary responsibility and exclusive SA & DBO rights. Change requests submitted to DBA
Database Security	Some	Some	Primary		DBA: Responsible for all DB security, role based and other such as by value.
Create a consistent interface to the DB	Some	Some	Primary		DB abstraction layer where possible, minimization of embedded SQL
Write Stored Procedures		Primary	Primary		
Review & Promote Stored Procedures		Some	Primary	Some	DBA: Reviews for best practices, compares to specification and execution plan to assesses efficiency
Make Changes To Development Databases		Some	Primary		Some lead developers may add or change columns in test database only
Apply Changes to Staging and Production DB			Primary		DBA: Promotion of versions from test DB to staging DB then production DB
Ensuring Optimal Execution Plan		Some	Primary		SQL review, database tuning, gathering and analysis of performance statistics

Legend:

Primary Involvment	(dark navy)
Some Involvment / Input	(cyan/teal)
No Involvment	(white)